

WHAT IS CLAIMED:

1. A method of delivering information to subscribers on a communication network, wherein a plurality of data providers and a plurality of processing devices, each processing device uniquely associated with a subscriber, are connected to said network, comprising the steps of:

receiving a sequence of information by said plurality of processing devices from a plurality of INFO sources connected to said network;

selecting at least one data provider by each subscriber to display data that is received from said at least one data provider via said network; and

continuously displaying said sequence of information simultaneously with said data received from said at least one data provider selected by said each subscriber on an associated processing device such that said sequence of information and said data requested by said each subscriber are simultaneously viewable, and wherein said data to be displayed on said associated processing device is selectable by said each subscriber and the display of said sequence of information is not controllable by said each subscriber.

2. The method of claim 1, further comprising the step of selecting another data provider in response to an input from

said each subscriber and wherein the step of continuously displaying displays said sequence of information simultaneously with data received from said other data provider.

5 3. The method of claim 1, wherein the step of continuously displaying displays said sequence of information without interfering with the display of said data received from said at least one data provider selected by said each subscriber.

10 4. The method of claim 1, wherein the step of receiving a sequence of information includes the steps of:
 receiving a sequence of INFO IDs from a database connected to a network, each INFO ID uniquely identifying the information in said plurality of INFO sources; and
15 reading said sequence of information from said plurality of INFO sources in accordance with said sequence of INFO IDs.

20 5. The method of claim 1, further comprising the steps of:
 verifying the authorization of said each subscriber to determine if said each subscriber is authorized to connect to said network; and

inhibiting said associated processing device from displaying said sequence of information if it is determined that said each subscriber is not authorized to connect to said network.

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6. The method of claim 5, further comprising the step of inhibiting said associated processing device from displaying said data received from said at least one data provider selected by said each subscriber if it is determined that said each subscriber is not authorized to connect to said network.

7. The method of claim 1, further comprising the steps of:

verifying the authorization of said each subscriber to determine if said each subscriber is authorized to connect to said network; and

inhibiting said associated processing device from displaying said data received from said at least one data provider selected by said each subscriber if it is determined that said each subscriber is not authorized to connect to said network.

8. The method of claim 1, wherein said sequence of information contains a sequence of advertisements.

9. The method of claim 1, wherein said sequence of information contains a sequence of messages or announcements.

5 10. The method of claim 1, wherein said sequence of information contains a sequence of news.

11. The method of claim 1, wherein said sequence of information contains a sequence of updates.

10 12. The method of claim 1, wherein said sequence of information contains a sequence of advertisements, messages or announcements, news and updates.

15 13. The method of claim 1, wherein the information comprises texts.

14. The method of claim 1, wherein the information comprises still pictures.

20 15. The method of claim 1, wherein the information comprises moving pictures.

16. The method of claim 1, wherein the information comprises a video component and an audio component.

17. The method of claim 1, wherein the information is a combination of text, still pictures, moving pictures having video and audio components.

5 18. The method of claim 6, wherein said network is a computer network and said plurality of processing devices are terminals.

10 19. The method of claim 18, further comprising the steps of:

assigning a unique subscriber ID and a password to said each subscriber on said communication network; and

15 storing said subscriber ID and said password for said each subscriber in a database.

20 20. The method of claim 19, further comprising the step of establishing a connection between each of said terminals and said computer network.

20 21. The method of claim 20, wherein each terminal includes an input device and wherein the step of establishing the connection includes the steps of:

entering a subscriber ID and a password on said input device by said each subscriber to initiate connection between a

terminal associated with said each subscriber and said
communication network;

transmitting said subscriber ID and said password
entered on said input device to said database for verification;

5 determining whether said subscriber ID entered on said
input device matches one of said subscriber IDs stored in said
database to provide a verified subscriber ID;

10 verifying said password entered on said input device
matches said password associated with said verified subscriber ID
if said verified subscriber ID is found; and

15 connecting said terminal associated with said each
subscriber to said computer network if it is determined that said
password entered on said input device matches a password stored
in said database which is associated with said verified
subscriber ID.

20 22. The method of claim 3, wherein said network is a
computer network and said plurality of processing devices are
terminals.

23. The method of claim 22, wherein each of said
plurality of data providers is a server on said computer network
and further comprising the step of selecting data to be displayed
from said at least one data provider by said each subscriber.

24. The method of claim 23, wherein each of said terminals includes an input device and wherein the step of selecting data includes the step of:

entering a request for said data from said at least one server connected to said computer network on said input device of a terminal associated with said each subscriber; and

transmitting said request for said data to said at least one server from said terminal associated with said each subscriber.

25. The method of claim 1, wherein said network is a computer network and wherein the step of receiving a sequence of information includes the steps of:

receiving a sequence of addresses from a database connected to a network, each address indicating the location of the information in said plurality of INFO sources; and

reading said sequence of information from said plurality of INFO sources in accordance with said sequence of addresses.

26. The method of claim 6, further comprising the steps of:

assigning an unique subscriber ID to each of said plurality of processing devices;

generating a login time and a login date for said each subscriber if it is determined that said each subscriber is authorized to connect to said network; and

storing said subscriber ID, said login time and said login date for said each subscriber in a database connected to said network if it is determined that said each subscriber is authorized to connect said network.

27. The method of claim 26, wherein the step of generating login time and login date includes the steps of:

receiving from a source connected to said network a virtual date and a virtual time; and

generating said login time and said login date for said each subscriber as a function of said virtual time and said virtual date, respectively.

28. The method of claim 26, further comprising the steps of:

determining whether a processing device is no longer connected to said network; and

generating a logout time and a logout date for said each subscriber if it is determined that said processing device associated with said each subscriber is no longer connected to said network; and

storing said logout time and said logout date for said each subscriber in said database if it is determined that said processing device associated with said each subscriber is no longer connected to said network.

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29. The method of claim 28, further comprising the steps of:

generating a session duration for said each subscriber as a function of said login time, said login date, said logout date and said logout time; and

storing said session duration for said each subscriber in said database.

30. The method of claim 29, further comprising the steps of:

generating a session usage record for said each subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and

storing said session usage record for said each subscriber in said database.

31. The method of claim 1, further comprising the steps of:

assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations;

storing said plurality of INFO IDs and said plurality of INFO durations in a database connected to said network; and

wherein the step of continuously displaying displays said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information.

32. The method of claim 27, further comprising the steps of:

determining whether a processing device is no longer connected to said network; and

generating a logout time and a logout date for said each subscriber as a function of said virtual date and said virtual time if it is determined that said processing device associated with said each subscriber is no longer connected to said network; and

storing said logout date and said logout time for said each subscriber to said database if it is determined that said processing device associated with said each subscriber is no longer connected to said network.

33. The method of claim 32, further comprising the steps of:

generating a session duration for said each subscriber as a function of said login time, said login date, said logout date and said logout time; and

storing said session duration for said each subscriber to said database.

34. The method of claim 33, further comprising the steps of:

generating a session usage record for said each subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and

storing said session usage record for said each subscriber in said database.

35. The method of claim 28, further comprising the steps of:

assigning a unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality of INFO durations in said database; and

wherein the step of continuously displaying displays said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information.

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36. The method of claim 35, further comprising the steps of:

determining which information in said sequence of information was displayed on said associated processing device as a function of said login time, said login date, said logout date, said logout time and said plurality of INFO durations to provide a list of displayed information for said each subscriber; and storing said list of displayed information for said each subscriber in said database.

37. The method of claim 36, wherein said list of displayed information for said each subscriber contains a list of INFO IDs corresponding to the displayed information.

38. The method of claim 37, further comprising the steps of:

determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login

date, said logout time, said logout date and said plurality of
INFO durations to provide a display date and a display time for
said each INFO ID in said list of displayed information for said
each subscriber; and

5 storing said display date and said display time for
said each INFO ID in said list of displayed information for said
each subscriber in said database.

39. The method of claim 38, further comprising the
steps of:

generating an INFO display record for each INFO ID in
said list of displayed information for said each subscriber, said
INFO display record containing an INFO ID and said subscriber ID
of said each subscriber, and said display date, said display time
and said INFO duration associated with said INFO ID; and

storing said INFO display record in said database.

40. The method of claim 32, further comprising the
steps of:

20 assigning a unique INFO ID and an INFO duration to each
information in said sequence of information to provide a
plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality
of INFO durations in said database; and

wherein the step of continuously displaying displays said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information.

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41. The method of claim 40, further comprising the steps of:

determining which information in said sequence of information was display to said each subscriber as a function of said login time, said login date, said logout date, said logout time and said plurality of INFO durations to provide a list of display information for said each subscriber; and

storing said list of display information for said each subscriber in said database.

42. The method of claim 41, wherein said list of displayed information for said each subscriber contains a list of INFO IDs corresponding to the displayed information.

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43. The method of claim 42, further comprising the steps of:

determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login

date, said logout time, said logout date and said plurality of
INFO durations to provide a display date and a display time for
said each INFO ID in said list of displayed information for said
each subscriber; and

5 storing said display date and said display time for
said each INFO ID in said list of displayed information for said
each subscriber in said database.

10 44. The method of claim 43, further comprising the
steps of:

15 generating an INFO display record for each INFO ID in
said list of displayed information for said each subscriber, said
INFO display record containing an INFO ID and said subscriber ID
of said each subscriber, and said display date, said display time
and said INFO duration associated with said INFO ID; and

storing said INFO display record in said database.

20 45. The method of claim 38, further comprising the
steps of:

assigning a location ID for said each subscriber in
accordance with the locality of said associated processing
device; and

storing said location ID for said each subscriber in
said database.

46. The method of claim 45, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and the method further comprising the steps of:

5 generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

 storing said INFO display record in said storage device of said associated processing device; and

 transmitting said INFO display record to said database.

45 47. The method of claim 45, further comprising the steps of:

 generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID, said subscriber ID and
20 said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and

 storing said INFO display record in said database.

48. The method of claim 43, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

49. The method of claim 48, further comprising the steps of:

generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and

storing said INFO display record in said database.

50. The method of claim 48, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and the method further comprising the steps of:

generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said

INFO display record containing an INFO ID, said subscriber ID and said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

5 storing said INFO display record in said storage device of said associated processing device; and
transmitting said INFO display record to said database.

51. The method of claim 33, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

52. The method of claim 51, wherein said location ID includes a zip code.

20 53. The method of claim 51, further comprising the steps of:

generating a session usage record for said each subscriber containing said subscriber ID, said login time, said

login date, said logout date, said logout time, said session duration and said location ID; and

storing said session usage record for said each subscriber in said database.

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54. The method of claim 29, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

55. The method of claim 54, wherein said location ID includes a zip code.

56. The method of claim 54, further comprising the steps of:

generating a session usage record for said each subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time, said session duration and said location ID; and

storing said session usage record for said each subscriber in said database.

57. The method of claim 28, further comprising the steps of:

generating a ping signal every predetermined interval by said associated processing device if it is determined that said each subscriber is authorized to connect to said network;
transmitting said ping signal to said database;
updating said database to indicate expected time of next ping signal from said each subscriber; and

wherein the step of generating said logout time and said logout date generates said logout time and said logout date for said each subscriber when said ping signal is not received from said associated processing device substantially within said expected time.

58. The method of claim 32, further comprising the steps of:

generating a ping signal every predetermined interval by said associated processing device if it is determined that said each subscriber is authorized to connect to said network;
transmitting said ping signal to said database;
updating said database to indicate expected time of next ping signal from said each subscriber; and

wherein the step of generating said logout time and said logout date generates said logout time and said logout date

for said each subscriber when said ping signal is not received from said associated processing device substantially within said expected time.

5 59. The method of claim 31, wherein the step of continuously displaying includes the steps of:

10 determining date and time that each information in said sequence of information is displayed on said associated processing device to provide a display date and a display time, respectively; and

15 storing said display date and said display time for said each information for said each subscriber in said database.

20 60. The method of claim 59, further comprising the steps of:

25 generating a plurality of INFO display records for said each subscriber, each INFO display record containing subscriber ID of said each subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and

30 storing said plurality of INFO display records for said each subscriber in said database.

61. The method of claim 59, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

62. The method of claim 61, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and the method further comprising the steps of:

generating a plurality of INFO display records for said each subscriber, each INFO display record containing subscriber ID and location ID of said each subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information;

storing said plurality of INFO display records for said each subscriber in said storage device of said associated processing device; and

transmitting said plurality of INFO display records for said each subscriber to said database.

63. The method of claim 61, further comprising the steps of:

generating a plurality of INFO display records for said each subscriber, each INFO display record containing subscriber ID and location ID of said each subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and

storing said plurality of INFO display records for said each subscriber in said database.

64. The method of claim 3, wherein each of said plurality of processing devices includes a monitor having a first portion and a second portion, and an input device; and wherein the step of continuously displaying displays said sequence of information in said first portion of said monitor and displays said data received from said at least one data provider selected by each subscriber in said second portion of said monitor.

65 The method of claim 64 further comprising the steps of:

assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality of INFO durations in a database connected to said network; and

wherein the step of continuously displaying displays said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information.

66. The method of claim 65 wherein said first portion of said monitor is divided into a plurality of linked regions and a plurality of unlinked regions, each of said plurality of linked regions is linked to one of said plurality of data providers; and the method further comprising the step of selecting one of said plurality of linked regions by said each subscriber to receive additional information.

67. The method of claim 66, wherein each of said plurality of data providers is uniquely identified by a data provider ID and further comprising the steps of:

assigning an unique subscriber ID to said associated processing device;

detecting which information in said sequence of information is being displayed on said first portion of said monitor associated with said associated processing device to provide a displayed INFO ID;

determining date and time that information corresponding to said displayed INFO ID was displayed on said associated processing device to provide a display date and a display time, respectively;

5 detecting which one of said plurality of linked regions was selected by said each subscriber during the display of information corresponding to said displayed INFO ID to provide a selected data provider ID; and

10 storing said subscriber ID, said displayed INFO ID, said selected data provider ID, said display date and said display time for said each subscriber in said database if it is detected that said one of said plurality of linked regions was selected by said each subscriber.

15 68. The method of claim 67, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

20 storing said location ID for said each subscriber in said database.

69. The method of claim 68, wherein said location ID includes a zip code; wherein said associated processing device

includes a storage device; and the method further comprising the steps of:

generating a plurality of clicked event records for said each subscriber, each clicked event record for said each subscriber being associated with a single selected data provider ID and said each clicked event record contains said subscriber ID, said location ID and said single selected data provider ID, and said displayed INFO ID, said display date and said display time associated with said single selected data provider ID;

storing said plurality of clicked event records for said each subscriber in said storage device of said associated processing device; and

transmitting said plurality of clicked event records for said each subscriber to said database.

70. The method of claim 68, further comprising the steps of:

generating a plurality of clicked event records for said each subscriber, each clicked event record for said each subscriber being associated with a single selected data provider ID and said each clicked event record contains said subscriber ID, said location ID and said single selected data provider ID, and said displayed INFO ID, said display date and said display time associated with said single selected data provider ID; and

storing said plurality of clicked event records for
said each subscriber in said database.

5 71. The method of claim 1, wherein each information in
said sequence of information is a unsolicited request for data
from one of said plurality of data providers.

10 72. The method of claim 71, wherein said unsolicited
request for data is limited to a subset of said plurality of data
providers.

15 73. The method of claim 72, wherein the step of
selecting at least one data provider inhibits the selection of a
data provider in said subset by said each subscriber.

20 74. The method of claim 1, wherein each of said
plurality of data providers is uniquely identified by a data
provider ID and further comprising the steps of storing said
subscriber ID and said data provider ID associated with at least
one data provider selected by said each subscriber in a database
connected to said network.

75. The method of claim 74, further comprising the
steps of:

determining date and time said data received from said at least one data provider selected by said each subscriber was displayed on said associated processing device to provide a display date and a display time, respectively; and

5 storing said display date and said display time in said database.

76. The method of claim 75, further comprising the steps of:

10 assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

15 storing said location ID for said each subscriber in said database.

77. The method of claim 76, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and wherein the method further comprising the steps of:

20 generating a plurality of data display records for said each subscriber, each data display record for said each subscriber being associated with a single data provider ID stored in said database and said each data display record containing said subscriber ID, said location ID and said single data

provider ID, and said display date and said display time
associated with said single data provider ID;

storing said plurality of data display records for said
each subscriber in said storage device of said associated
5 processing device; and

transmitting said plurality of data display records for
said each subscriber to said database.

78. The method of claim 76, further comprising the
steps of:

generating a plurality of data display records for said
each subscriber, each data display record for said each
subscriber being associated with a single data provider ID stored
in said database and said each data display record containing
said subscriber ID, said location ID and said single data
provider ID, and said display date and said display time
associated with said single data provider ID; and

storing said plurality of data display records for said
each subscriber in said database.

79. The method of claim 2, wherein said network is a
cable television network; and wherein said plurality of
processing devices are converter boxes;

80. The method of claim 79, wherein said each of said plurality of data providers represents a broadcast channel on said cable television network.

5 81. The method of claim 80, wherein each of said converter boxes includes a television receiving apparatus, wherein the step of selecting at least one data provider selects a broadcast channel to display a program that is received on said selected broadcast channel and wherein the step of continuously displaying displays said sequence of information simultaneously with said program received on said selected broadcast channel.

10 82. The method of claim 81, wherein the step of selecting another data provider selects a next broadcast channel to display a program that is received on said next broadcast channel in response to said input from said each subscriber and wherein the step of continuously displaying displays said sequence of information simultaneously with said program received on said next broadcast channel.

15 83. The method of claim 82, wherein the step of selecting another data provider includes operating a channel up button or a channel down button on a channel selector operable with said convertor box.

84. The method of claim 67, wherein the step of selecting one of said plurality of linked regions includes the step of displaying said additional information in said second portion of said monitor.

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85. The method of claim 67, wherein the step of selecting one of said plurality of linked regions includes the steps of:

displaying a request for additional data to said each subscriber in said second portion of said monitor;

entering said additional data on said input device by said each subscriber; and

storing said additional data in said database.

86. A method of selectively delivering information to subscribers on a communication network, wherein a plurality of data providers and a plurality of processing devices, each processing device uniquely associated with a subscriber, are connected to said network, comprising the steps of:

storing profile data in a database connected to said network for each subscriber;

storing a plurality of information received from a plurality of INFO sources connected to said network in said database;

selecting a sequence of information for said each subscriber from said plurality of information in accordance with said profile data of said each subscriber;

receiving said sequence of information for said each subscriber by a processing device associated with said each subscriber;

selecting at least one data provider by said each subscriber to display data that is received from said at least one data provider via said network; and

continuously displaying said sequence of information for said each subscriber simultaneously with said data received from said at least one data provider selected by said each subscriber on said associated processing device such that said sequence of information for said each subscriber and said data requested by said each subscriber are simultaneously viewable, and wherein said data to be displayed on said associated processing device is selectable by said each subscriber and the display of said sequence of information for said each subscriber is not controllable by said each subscriber.

87. The method of claim 86, further comprising the step of selecting another data provider in response to an input from said each subscriber and wherein the step of continuously displaying displays said sequence of information for said each

subscriber simultaneously with data received from said other data provider.

5 88. The method of claim 86, wherein the step of continuously displaying displays said sequence of information for said each subscriber without interfering with the display of said data received from said at least one data provider selected by said each subscriber.

10 89. The method of claim 86, wherein each of said plurality of INFO sources includes an INFO database and wherein the step of storing a plurality of information includes the step of retrieving information from each database to generate said plurality of information.

15 90. The method of claim 86, further comprising the steps of:

20 verifying the authorization of said each subscriber to determine if said each subscriber is authorized to connect to said network; and

inhibiting said associated processing device from displaying said sequence of information for said each subscriber if it is determined that said each subscriber is not authorized to connect to said network.

91. The method of claim 90, further comprising the step of inhibiting said associated processing device from displaying said data received from said at least one data provider selected by said each subscriber if it is determined
5 that said each subscriber is not authorized to connect to said network.

92. The method of claim 86, further comprising the steps of:

verifying the authorization of said each subscriber to determine if said each subscriber is authorized to connect to said network; and

inhibiting said associated processing device from displaying said data received from said at least one data provider selected by said each subscriber if it is determined
15 that said each subscriber is not authorized to connect to said network.

93. The method of claim 86, wherein said sequence of
20 information contains a sequence of advertisements.

94. The method of claim 86, wherein said sequence of information contains a sequence of messages or announcements.

95. The method of claim 86, wherein said sequence of information contains a sequence of news.

5 96. The method of claim 86, wherein said sequence of information contains a sequence of updates.

97. The method of claim 86, wherein said sequence of information contains a sequence of advertisements, messages or announcements, news and updates.

10 98. The method of claim 86, wherein the information comprises texts.

15 99. The method of claim 86, wherein the information comprises still pictures.

100. The method of claim 86, wherein the information comprises moving pictures.

20 101. The method of claim 86, wherein the information comprises a video and audio component.

102. The method of claim 86, wherein the information is a combination of text, still pictures and moving pictures.

103. The method of claim 91, wherein said network is a computer network and said plurality of processing devices are terminals.

5 104. The method of claim 103, further comprising the steps of:

assigning a unique subscriber ID and a password to said each subscriber on said communication network; and

10 storing said subscriber ID and said password for said each subscriber in said database.

15 105. The method of claim 104, further comprising the step of establishing a connection between each of said terminals and said computer network.

20 106. The method of claim 105, wherein each terminal includes an input device and wherein the step of establishing the connection includes the steps of:

entering a subscriber ID and a password on said input device by said each subscriber to initiate connection between a terminal associated with said each subscriber and said communication network;

transmitting said subscriber ID and said password entered on said input device to said database for verification;

determining whether said subscriber ID entered on said input device matches one of said subscriber IDs stored in said database to provide a verified subscriber ID;

5 verifying said password entered on said input device matches said password associated with said verified subscriber ID if said verified subscriber ID is found; and

connecting said terminal associated with said each subscriber to said computer network if it is determined that said password entered on said input device matches a password stored in said database which is associated with said verified subscriber ID.

107. The method of claim 88, wherein said network is a computer network and said plurality of processing devices are terminals.

108. The method of claim 107, wherein each of said plurality of data providers is a server on said computer network and further comprising the step of selecting data to be displayed from said at least one data provider by said each subscriber.

109. The method of claim 108, wherein each of said terminals includes an input device and wherein the step of selecting data includes the step of:

entering a request for said data from said at least one server connected to said computer network on said input device of a terminal associated with said each subscriber; and

transmitting said request for said data to said at least one server from said terminal associated with said each subscriber.

110. The method of claim 86, wherein said network is a computer network and wherein the step of receiving said sequence of information includes the steps of:

receiving a sequence of addresses from said database, each address indicating the location of one of said sequence of information in said plurality of INFO sources; and

reading said sequence of information from said plurality of INFO sources in accordance with said sequence of addresses.

111. The method of claim 91, further comprising the steps of:

assigning an unique subscriber ID to each of said plurality of processing devices;

generating a login time and a login date for said each subscriber if it is determined that said each subscriber is authorized to connect to said network; and

storing said subscriber ID, said login time and said login date for said each subscriber in said database if it is determined that said each subscriber is authorized to connect said network.

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112. The method of claim 111, wherein the step of generating login time and login date includes the steps of:

receiving from a source connected to said network a virtual date and a virtual time; and

generating said login time and said login date for said each subscriber as a function of said virtual time and said virtual date, respectively.

113. The method of claim 111, further comprising the steps of:

determining whether a processing device is no longer connected to said network; and

generating a logout time and a logout date for said each subscriber if it is determined that said processing device associated with said each subscriber is no longer connected to said network; and

storing said logout time and said logout date for said each subscriber in said database if it is determined that said

processing device associated with said each subscriber is no longer connected to said network.

114. The method of claim 113, further comprising the steps of:

generating a session duration for said each subscriber as a function of said login time, said login date, said logout date and said logout time; and

storing said session duration for said each subscriber in said database.

115. The method of claim 114, further comprising the steps of:

generating a session usage record for said each subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and

storing said session usage record for said each subscriber in said database.

116. The method of claim 86, further comprising the steps of:

assigning an unique INFO ID and an INFO duration to each information in said plurality of information to provide a plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality of INFO durations in said database; and

wherein the step of continuously displaying displays said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information for said each subscriber.

117. The method of claim 112, further comprising the steps of:

determining whether a processing device is no longer connected to said network; and

generating a logout time and a logout date for said each subscriber as a function of said virtual date and said virtual time if it is determined that said processing device associated with said each subscriber is no longer connected to said network; and

storing said logout date and said logout time for said each subscriber to said database if it is determined that said processing device associated with said each subscriber is no longer connected to said network.

118. The method of claim 117, further comprising the steps of:

generating a session duration for said each subscriber as a function of said login time, said login date, said logout date and said logout time; and

storing said session duration for said each subscriber to said database.

119. The method of claim 118, further comprising the steps of:

generating a session usage record for said each subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and

storing said session usage record for said each subscriber in said database.

120. The method of claim 113, further comprising the steps of:

assigning a unique INFO ID and an INFO duration to each information in said plurality of information to provide a plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality of INFO durations in said database; and

wherein the step of continuously displaying displays
said each information in said sequence of information for said
INFO duration assigned to said each information before displaying
next information in said sequence of information for said each
5 subscriber.

121. The method of claim 120, further comprising the
steps of:

10 determining which information in said sequence of
information for said each subscriber was displayed on said
associated processing device as a function of said login time,
said login date, said logout date, said logout time and said INFO
15 durations assigned to each information in said sequence of
information for said each subscriber to provide a list of
displayed information for said each subscriber, and

20 storing said list of displayed information for said
each subscriber in said database.

122. The method of claim 121, wherein said list of
25 displayed information for said each subscriber contains a list of
INFO IDs corresponding to the displayed information.

123. The method of claim 122, further comprising the
steps of:

determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login date, said logout time, said logout date and said INFO durations assigned to each information in said sequence of information for said each subscriber to provide a display date and a display time for said each INFO ID in said list of displayed information for said each subscriber; and

storing said display date and said display time for said each INFO ID in said list of displayed information for said each subscriber in said database.

124. The method of claim 123, further comprising the steps of:

generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID and said subscriber ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and

storing said INFO display record in said database.

125. The method of claim 117, further comprising the steps of:

assigning a unique INFO ID and an INFO duration to each
information in said plurality of information to provide a
plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality
5 of INFO durations in said database; and

wherein the step of continuously displaying displays
said each information in said sequence of information for said
INFO duration assigned to said each information before displaying
next information in said sequence of information for said each
subscriber.

126. The method of claim 125, further comprising the
steps of:

determining which information in said sequence of
information for said each subscriber was displayed on said
associated processing device as a function of said login time,
said login date, said logout date, said logout time and said INFO
duration assigned to each information in said sequence of
information for said each subscriber to provide a list of display
20 information for said each subscriber; and

storing said list of displayed information for said
each subscriber in said database.

127. The method of claim 126, wherein said list of displayed information for said each subscriber contains a list of INFO IDs corresponding to the displayed information.

5 128. The method of claim 127, further comprising the steps of:

10 determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login date, said logout time, said logout date and said INFO duration assigned to each information in said sequence of information for said each subscriber to provide a display date and a display time for said each INFO ID in said list of displayed information for said each subscriber; and

15 storing said display date and said display time for said each INFO ID in said list of displayed information for said each subscriber in said database.

20 129. The method of claim 128, further comprising the steps of:

generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID and said subscriber ID

of said each subscriber, and said display date, said display time
and said INFO duration associated with said INFO ID; and
storing said INFO display record in said database.

5 130. The method of claim 123, further comprising the
steps of:

assigning a location ID for said each subscriber in
accordance with the locality of said associated processing
device; and

storing said location ID for said each subscriber in
said database.

131. The method of claim 130, wherein said location ID
includes a zip code; wherein said associated processing device
includes a storage device; and the method further comprising the
steps of:

generating an INFO display record for each INFO ID in
said list of displayed information for said each subscriber, said
INFO display record containing an INFO ID, said subscriber ID and
said location ID of said each subscriber, and said display date,
said display time and said INFO duration associated with said
INFO ID;

storing said INFO display record in said storage device
of said associated processing device; and

transmitting said INFO display record to said database.

132. The method of claim 130, further comprising the steps of:

5 generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and

 storing said INFO display record in said database.

133. The method of claim 128, further comprising the steps of:

15 assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

 storing said location ID for said each subscriber in said database.

20 134. The method of claim 133, further comprising the steps of:

 generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said

INFO display record containing an INFO ID, said subscriber ID and said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and

5 storing said INFO display record in said database.

135. The method of claim 133, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and the method further comprising the steps of:

generating an INFO display record for each INFO ID in said list of displayed information for said each subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said each subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

storing said INFO display record in said storage device of said associated processing device; and

transmitting said INFO display record to said database.

136. The method of claim 118, further comprising the steps of:

assigning a location ID for said each subscriber in
accordance with the locality of said associated processing
device; and

storing said location ID for said each subscriber in
said database.

137. The method of claim 136, wherein said location ID
includes a zip code.

138. The method of claim 136, further comprising the
steps of:

generating a session usage record for said each
subscriber containing said subscriber ID, said login time, said
login date, said logout date, said logout time, said session
duration and said location ID; and

storing said session usage record for said each
subscriber in said database.

139. The method of claim 114, further comprising the
steps of:

assigning a location ID for said each subscriber in
accordance with the locality of said associated processing
device; and

storing said location ID for said each subscriber in
said database.

140. The method of claim 139, wherein said location ID
includes a zip code.

141. The method of claim 139, further comprising the
steps of:

generating a session usage record for said each
subscriber containing said subscriber ID, said login time, said
login date, said logout date, said logout time, said session
duration and said location ID; and

storing said session usage record for said each
subscriber in said database.

142. The method of claim 113, further comprising the
steps of:

generating a ping signal every predetermined interval
by said associated processing device if it is determined that
said each subscriber is authorized to connect to said network;

transmitting said ping signal to said database;

updating said database to indicate expected time of
next ping signal from said each subscriber; and

wherein the step of generating said logout time and
said logout date generates said logout time and said logout date
for said each subscriber when said ping signal is not received
from said associated processing device substantially within said
5 expected time.

143. The method of claim 117, further comprising the
steps of:

generating a ping signal every predetermined interval
by said associated processing device if it is determined that
said each subscriber is authorized to connect to said network;

transmitting said ping signal to said database;

updating said database to indicate expected time of
next ping signal from said each subscriber, and

wherein the step of generating said logout time and
said logout date generates said logout time and said logout date
for said each subscriber when said ping signal is not received
from said associated processing device substantially within said
expected time.

20 144. The method of claim 116, wherein the step of
continuously displaying includes the steps of:

determining date and time that each information in said
sequence of information for each said subscriber was displayed on

said associated processing device to provide a display date and a display time, respectively; and

storing said display date and said display time of said each information for said each subscriber in said database.

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145. The method of claim 144, further comprising the steps of:

generating a plurality of INFO display records for said each subscriber, each INFO display record containing subscriber ID of said each subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and

storing said plurality of INFO display records for said each subscriber in said database.

146. The method of claim 144, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

147. The method of claim 146, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and the method further comprising the steps of:

5 generating a plurality of INFO display records for said each subscriber, each INFO display record containing subscriber ID and location ID of said each subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information;

10 storing said plurality of INFO display records for said each subscriber in said storage device of said associated processing device; and

15 transmitting said plurality of INFO display records for said each subscriber to said database.

20 148. The method of claim 146, further comprising the steps of:

 generating a plurality of INFO display records for said each subscriber, each INFO display record containing subscriber ID and location ID of said each subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and

 storing said plurality of INFO display records for said each subscriber in said database.

149. The method of claim 88, wherein each of said plurality of processing devices includes a monitor having a first portion and a second portion, and an input device; and wherein the step of continuously displaying displays said sequence of information for said each subscriber in said first portion of said monitor and displays said data received from said at least one data provider selected by each subscriber in said second portion of said monitor.

150. The method of claim 149, further comprising the steps of:

assigning an unique INFO ID and an INFO duration to each information in said plurality of information to provide a plurality of INFO IDs and a plurality of INFO durations; and

storing said plurality of INFO IDs and said plurality of INFO durations in said database; and

wherein the step of continuously displaying displays said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information for said each subscriber.

151. The method of claim 150, wherein said first portion of said monitor is divided into a plurality of linked

regions and a plurality of unlinked regions, each of said plurality of linked regions is linked to one of said plurality of data providers; and the method further comprising the step of selecting one of said plurality of linked regions by said each subscriber to receive additional information.

152. The method of claim 151, wherein each of said plurality of data providers is uniquely identified by a data provider ID and further comprising the steps of:

assigning an unique subscriber ID to said associated processing device;

detecting which information in said sequence of information for said each subscriber is being displayed on said first portion of said monitor associated with said associated processing device to provide a displayed INFO ID;

determining date and time that information corresponding to said displayed INFO ID was displayed on said associated processing device to provide a display date and a display time, respectively;

detecting which one of said plurality of linked regions was selected by said each subscriber during the display of information corresponding to said displayed INFO ID to provide a selected data provider ID; and

storing said subscriber ID, said displayed INFO ID,
said selected data provider ID, said display date and said
display time for said each subscriber in said database if it is
detected that said one of said plurality of linked regions was
5 selected by said each subscriber.

153. The method of claim 152, further comprising the
steps of:

assigning a location ID for said each subscriber in
accordance with the locality of said associated processing
device; and

storing said location ID for said each subscriber in
said database.

154. The method of claim 153, wherein said location ID
includes a zip code; wherein said associated processing device
includes a storage device; and the method further comprising the
steps of:

generating a plurality of clicked event records for
20 said each subscriber, wherein each clicked event record for said
each subscriber is associated with a single selected data
provider ID and said each clicked event record contains said
subscriber ID, said location ID and said single selected data
provider ID, and said displayed INFO ID, said display date and

said display time associated with said single selected data
provider ID;

storing said plurality of clicked event records for
said each subscriber in said storage device of said associated
5 processing device; and

transmitting said plurality of clicked event records
for said each subscriber to said database.

155. The method of claim 153, further comprising the
steps of:

generating a plurality of clicked event records for
said each subscriber, wherein each clicked event record for said
each subscriber is associated with a single selected data
provider ID and said each clicked event record contains said
subscriber ID, said location ID and said single selected data
provider ID, and said displayed INFO ID, said display date and
said display time associated with said single selected data
provider ID; and

storing said plurality of clicked event records for
20 said each subscriber in said database.

156. The method of claim 86, wherein each information
in said sequence of information is a unsolicited request for data
from one of said plurality of data providers.

157. The method of claim 156, wherein said unsolicited request for data is limited to a subset of said plurality of data providers.

5 158. The method of claim 157, wherein the step of selecting at least one data provider inhibits the selection of a data provider in said subset by said each subscriber.

10 159. The method of claim 86, wherein each of said plurality of data providers is uniquely identified by a data provider ID and further comprising the steps of storing said subscriber ID and said data provider ID associated with at least one data provider selected by said each subscriber in said database.

15 160. The method of claim 159, further comprising the steps of:

20 determining a display date and a display time of said data received from said at least one data provider selected by said each subscriber on said associated processing device; and storing said display date and said display time in said database.

161. The method of claim 160, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

162. The method of claim 161, wherein said location ID includes a zip code; wherein said associated processing device includes a local storage; and the method further comprising the steps of:

generating a plurality of data display records for said each subscriber, wherein each data display record for said each subscriber is associated with a single data provider ID stored in said database and said each data display record contains said subscriber ID, said location ID and said single data provider ID, and said display date and said display time associated with said single data provider ID;

storing said plurality of data display records for said each subscriber in said storage device of said associated processing device; and

transmitting said plurality of data display records for said each subscriber to said database.

163. The method of claim 161, further comprising the steps of:

generating a plurality of data display records for said each subscriber, wherein each data display record for said each subscriber is associated with a single data provider ID stored in said database and said each data display record contains said subscriber ID, said location ID and said single data provider ID, and said display date and said display time associated with said single data provider ID; and

storing said plurality of data display records for said each subscriber in said database.

164. The method of claim 87, wherein said communication network is a cable television network and wherein said plurality of processing devices are converter boxes.

165. The method of claim 164, wherein said each of said plurality of data providers represents a broadcast channel on said cable television network.

166. The method of claim 165, wherein each of said converter boxes includes a television receiving apparatus, wherein the step of selecting at least one data provider selects a broadcast channel to display a program that is received on said

selected broadcast channel and wherein the step of continuously displaying displays said sequence of information for said each subscriber simultaneously with said program received on said selected broadcast channel.

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167. The method of claim 166, wherein the step of selecting another data provider selects a next broadcast channel to display a program that is received on said next broadcast channel in response to said input from said each subscriber and wherein the step of continuously displaying displays said sequence of information for said each subscriber simultaneously with said program received on said next broadcast channel.

168. The method of claim 167, wherein the step of selecting another data provider includes operating a channel up button or a channel down button on a channel selector operable with said convertor box.

169. The method of claim 106, wherein the step of connecting said terminal includes the steps of:

selecting an access phone number by said each subscriber; and

connecting said terminal to said computer network using said access phone number.

170. The method of claim 169, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said access phone number associated with said each subscriber.

171. The method of claim 169, further comprising the steps of:

assigning a location ID for said each subscriber in accordance with the locality of said associated processing device; and

storing said location ID for said each subscriber in said database.

172. The method of claim 171, wherein said location id includes at least a zip code.

173. The method of claim 172, further comprising the steps of:

determining whether said zip code stored for said each subscriber is associated with said access phone number selected by said each subscriber;

assigning said zip code as a location zip code for said each subscriber if it is determined that said zip code is associated with said access phone number; and

5 assigning said location zip code for said each subscriber in accordance with said access phone number if it is determined that said zip code is not associated with said access phone number.

174. The method of claim 173, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said location zip code associated with said each subscriber.

15 175. The method of claim 174, further comprising the step of determining a time zone in accordance with said location zip code.

20 176. The method of claim 175, further comprising the steps of:

assigning a display time range to each of said plurality of information to provide a plurality of display time ranges; and

storing said plurality of display time ranges in said database.

177. The method of claim 176, wherein the step of
5 selecting a sequence of information selects said sequence of
information for said each subscriber in accordance with said
profile data, said location zip code, a current time and said
time zone associated with said each subscriber, and said
plurality of display time ranges.

178. The method of claim 169, further comprising the
steps of:

10 assigning a display time range to each of said
plurality of information to provide a plurality of display time
15 ranges; and

storing said plurality of display time ranges in said
database.

20 179. The method of claim 178, wherein the step of
selecting a sequence of information selects said sequence of
information for said each subscriber in accordance with said
profile data, said access phone number and a current time
associated with said each subscriber, and said plurality of
display time ranges.

180. The method of claim 86, wherein each of said plurality of processing devices includes an input device and wherein the method of storing profile data includes the step of entering said profile data on said input device of said associated processing device by said each subscriber.

181. The method of claim 180, further comprising the steps of:

assigning an unique subscriber ID to each of said plurality of processing devices;

entering additional profile data on said input device by said each subscriber; and

storing said subscriber ID and said additional profile data for said each subscriber in said database.

182. The method of claim 181, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said additional profile data.

183. The method of claim 115, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said session usage record.

184. The method of claim 119, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said session usage record.

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185. The method of claim 138, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said session usage record.

186. The method of claim 141, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said session usage record.

187. The method of claim 124, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said INFO display record.

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188. The method of claim 129, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said INFO display record.

189. The method of claim 132, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said INFO display record.

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190. The method of claim 134, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said INFO display record.

191. The method of claim 145, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said INFO display record.

192. The method of claim 148, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said INFO display record.

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193. The method of claim 155, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said plurality of clicked event records.

194. The method of claim 163, wherein the step of selecting a sequence of information selects said sequence of information for said each subscriber in accordance with said profile data and said plurality of data display records.

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195. The method of claim 86, wherein said database comprises at least first and second databases; wherein the method of storing profile data stores said profile data in said first database; and wherein the method of storing a plurality of information stores said plurality of information in said second database.

196. The method of claim 104, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; and wherein the method of storing said subscriber ID and said password stores said subscriber ID and said password in said third database.

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197. The method of claim 115, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said

first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; wherein the method of storing said subscriber ID, said login time and said login date stores said subscriber ID, said login time and said login date in said third database; wherein the method of storing said logout time and said logout date stores said logout time and said logout date in said third database; wherein the method of storing said session duration stores said session duration in said third database; and wherein the method of storing said session usage record stores said session usage records in said third database.

198. The method of claim 129, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; wherein the method of storing said subscriber ID, said login time and said login date stores said subscriber ID, said login time and said login date in said third database; wherein the method of storing said logout time and said logout date stores said logout time and said logout date in said third database; wherein the method of storing said plurality of INFO IDs and said plurality of INFO durations stores said plurality of

INFO IDs and said plurality of INFO durations in said third database; wherein the method of storing said list of displayed information stores said list of displayed information in said third database; wherein the method of storing said display date and said display time stores said display date and said display time in said third database; and wherein the method of storing said INFO display record stores said INFO display record in said third database.

199. The method of claim 132, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; wherein the method of storing said subscriber ID, said login time and said login date stores said subscriber ID, said login time and said login date in said third database; wherein the method of storing said logout time and said logout date stores said logout time and said logout date in said third database; wherein the method of storing said plurality of INFO IDs and said plurality of INFO durations stores said plurality of INFO IDs and said plurality of INFO durations in said third database; wherein the method of storing said list of displayed information stores said list of displayed information in said

third database; wherein the method of storing said display date
and said display time stores said display date and said display
time in said third database; wherein the method of storing said
location ID stores said location ID in said third database; and
5 wherein the method of storing said INFO display record stores
said INFO display record in said third database.

200. The method of claim 138, wherein said database
comprises at least first, second and third databases; wherein the
method of storing profile data stores said profile data in said
first database; wherein the method of storing a plurality of
information stores said plurality of information in said second
database; wherein the method of storing said subscriber ID, said
login time and said login date stores said subscriber ID, said
login time and said login date in said third database; wherein
the method of storing said logout time and said logout date
stores said logout time and said logout date in said third
database; wherein the method of storing said session duration
stores said session duration in said third database; wherein the
20 method of storing location ID stores said location ID in said
third database; and wherein the method of storing said session
usage record stores said session usage records in said third
database.

201. The method of claim 155, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; wherein the method of storing said plurality of INFO IDs and said plurality of INFO durations stores said plurality of INFO IDs and said plurality of INFO durations in said third database; wherein the method of storing said subscriber ID, said displayed INFO ID, said selected data provider ID, said display date and said display time stores said subscriber ID, said displayed INFO ID, said selected data provider ID, said display date and said display time in said third database; wherein the method of storing location ID stores said location ID in said third database; and wherein the method of storing said plurality of clicked event records stores said plurality of clicked event records in said third database.

202. The method of claim 163, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; wherein the method of storing said subscriber ID and

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data provider ID, and said display date and said display time associated with said single data provider ID; and

storing said plurality of data display records for said each of said plurality of data providers in said database.

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205. The method of claim 204, wherein said database comprises at least first, second and third databases; wherein the method of storing profile data stores said profile data in said first database; wherein the method of storing a plurality of information stores said plurality of information in said second database; wherein the method of storing said data provider ID in said third database; wherein the method of storing said display date and said display time stores said display date and said display time in said third database; wherein the method of storing said location ID stores said location ID in said third database; and wherein the method of storing said plurality of data display records stores said plurality of data display records in said third database.

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206. The method of claim 161, wherein said location ID includes a zip code; wherein said associated processing device includes a storage device; and the method further comprising the steps of:

generating a plurality of data display records for each
of said plurality of data providers, each data display record
containing said profile data, said location ID and said single
data provider ID, and said display date and said display time
5 associated with said single data provider ID;

storing said plurality of data display records for said
each of said plurality of data providers in said storage device
of said associated processing device; and

transmitting said plurality of data display records for
said each of said plurality of data providers to said database.

207. The method of claim 152, wherein the step of
selecting includes the step of displaying said additional
information in said second portion of said monitor.

208. The method of claim 152, wherein the step of
selecting includes the steps of:

displaying a request for additional data to said each
subscriber in said second portion of said monitor;

entering said additional data on said input device by
said each subscriber;

reading said profile data corresponding to said
subscriber ID from said database;

generating a packet containing said subscriber ID, said profile data and said additional data; and
storing said packet in said database.

5 209. A system for delivering information to subscribers on a communication network, comprising:

 a plurality of data providers connected to said network;

 a plurality of INFO sources connected to said network for providing a sequence of information; and

 a plurality of processing devices connected to said network, each uniquely associated with a subscriber to provide an associated processing device and having a receiver for receiving said sequence of information from said plurality of INFO sources, a selector for selecting at least one data provider by said subscriber and a display device for continuously displaying said sequence of information simultaneously with said data received from said at least one data provider selected by said subscriber such that said sequence of information and said data requested by
20 said subscriber are simultaneously viewable, and wherein said data to be displayed on said display device is selectable by said subscriber and the display of said sequence of information on said display device is not controllable by said subscriber.

210. The system of claim 209, wherein said selector is operable to select another data provider in response to an input from said subscriber and wherein said display device is operable to continuously display said sequence of information simultaneously with data received from said other data provider.

211. The system of claim 209, wherein said display device is operable to continuously display said sequence of information without interfering with the display of said data received from said at least one data provider selected by said subscriber.

212. The system of claim 209, wherein each of said plurality of INFO sources includes a storage device and wherein said receiver includes a reading device for reading information from each storage device to generate said sequence of information.

213. The system of claim 209, further comprising:
a verifying device for verifying the authorization of said subscriber to determine if said subscriber is authorized to connect to said network; and
an inhibiting device for inhibiting said displaying device from displaying said sequence of information if it is

determined that said subscriber is not authorized to connect to said network.

214. The system of claim 213, wherein said inhibiting
5 device is operable to inhibit said display device from displaying said data received from said at least one data provider selected by said subscriber if it is determined that said subscriber is not authorized to connect to said network.

215. The system of claim 209, further comprising:
a device for verifying the authorization of said
subscriber to determine if said subscriber is authorized to
connect to said network; and

an inhibiting device for inhibiting said display device
15 from displaying said data received from said at least one data provider selected by said subscriber if it is determined that said subscriber is not authorized to connect to said network.

216. The system of claim 209, wherein said sequence of
20 information contains a sequence of advertisements.

217. The system of claim 209, wherein said sequence of
information contains a sequence of messages or announcements.

218. The system of claim 209, wherein said sequence of information contains a sequence of news.

5 219. The system of claim 209, wherein said sequence of information contains a sequence of updates.

220. The system of claim 209, wherein said sequence of information contains a sequence of advertisements, messages or announcements, news and updates.

221. The system of claim 209, wherein the information comprises texts.

222. The system of claim 209, wherein the information comprises still pictures.

223. The system of claim 209, wherein the information comprises moving pictures.

20 224. The system of claim 209, wherein the information comprises a video and audio component.

225. The system of claim 209, wherein the information is a combination of text, still pictures and moving pictures.

226. The system of claim 214, wherein said network is a computer network and said associated processing device is a terminal.

5 227. The system of claim 226, further comprising:
 a device for assigning a unique subscriber ID and a password to said subscriber on said communication network; and
 a storage device for storing said subscriber ID and said password for said subscriber.

228. The system of claim 227, wherein said terminal includes a connecting device for establishing a connection between said terminal and said computer network.

20 229. The system of claim 228, wherein said terminal further includes an input device for entering a subscriber ID and a password by said subscriber to initiate a connection between said terminal and said communication network and a transmitter for transmitting said subscriber ID and said password entered on said input device to said storage device for verification;

 the system further comprising a device for determining whether said subscriber ID entered on said input device matches one of said subscriber IDs stored in said storage device to provide a verified subscriber ID;

wherein said verifying device is operable to verify said password entered on said input device matches said password associated with said verified subscriber ID if said verified subscriber ID is found; and

5 wherein said connecting device is operable to connect said terminal associated with said subscriber to said computer network if it is determined that said password entered on said input device matches a password stored in said storage device which is associated with said verified subscriber ID.

230. The system of claim 211, wherein said network is a computer network and said associated processing device is a terminal.

231. The system of claim 230, wherein each of said plurality of data providers is a server on said computer network and wherein said selector is operable to select data to be displayed from said at least one data provider by said subscriber.

20 232. The system of claim 231, wherein said selector includes:

an input device for entering a request for said data from said at least one server connected to said computer network by said subscriber; and

5 a transmitter for transmitting said request for said data to said at least one server from said terminal associated with said subscriber.

233. The system of claim 209, wherein said network is a computer network; wherein said receiver is operable for receiving a sequence of addresses from an INFO address provider connected to said network, each address indicating the location of one of said sequence of information in said plurality of INFO sources; and wherein said associated processing device includes a device for reading said sequence of information from said plurality of INFO sources in accordance with said sequence of addresses.

234. The system of claim 214, further comprising:

a device for assigning an unique subscriber ID to each of said plurality of processing devices;

20 a time device for generating a login time and a login date for said subscriber if it is determined that said subscriber is authorized to connect to said network; and

a storage device connected to said network for storing said subscriber ID, said login time and said login date for said

subscriber if it is determined that said subscriber is authorized to connect said network.

235. The system of claim 234, wherein said time device is located within said associated processing device, operable to receive a virtual date and a virtual time from a source connected to said network and operable to generate said login time and said login date for said subscriber as a function of said virtual time and said virtual date, respectively.

236. The system of claim 234, further comprising a disconnect device for determining whether said associated processing device is no longer connected to said network; and wherein said time device is operable to generate a logout time and a logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network; and wherein said storage device is operable to store said logout time and said logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network.

237. The system of claim 236, wherein said disconnect device is operable to generate a session duration for said subscriber as a function of said login time, said login date,

said logout date and said logout time; and wherein said storage device is operable to store said session duration for said subscriber.

5 238. The system of claim 237, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and wherein said storage device is operable to store said session usage record.

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15 239. The system of claim 209, further comprising:
a device for assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations;

a storage device connected to said network for storing said plurality of INFO IDs and said plurality of INFO durations;
and

20 wherein said display device is operable to display said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information.

240. The system of claim 235, further comprising a disconnect device for determining whether said associated processing device is no longer connected to said network; and wherein said time device is operable to generate a logout time and a logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network; and wherein said storage device is operable to store said logout time and said logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network.

241. The system of claim 240, wherein said disconnect device is operable to generate a session duration for said subscriber as a function of said login time, said login date, said logout date and said logout time; and wherein said storage device is operable to store said session duration for said subscriber.

242. The system of claim 241, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and wherein said storage device is operable to store said session usage record.

243. The system of claim 236, further comprising a device for assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations; wherein
5 said storage device is operable to store said plurality of INFO IDs and said plurality of INFO durations; and wherein said display device is operable to display said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information.

244. The system of claim 243, wherein said associated processing device includes a device for determining which information in said sequence of information was displayed on said
15 associated processing device as a function of said login time, said login date, said logout date, said logout time and said plurality of INFO durations to provide a list of displayed information for said subscriber; and wherein said storage device is operable to store said list of displayed information for said
20 subscriber.

245. The system of claim 244, wherein said list of displayed information for said subscriber contains a list of INFO IDs corresponding to the displayed information.

246. The system of claim 245, wherein said associated processing device further includes a device for determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login date, said logout time, said logout date and said plurality of INFO durations to provide a display date and a display time for said each INFO ID in said list of displayed information for said subscriber; and wherein said storage device is operable to store said display date and said display time for said each INFO ID in said list of displayed information for said subscriber.

247. The system of claim 246, wherein said associated processing device includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

248. The system of claim 240, further comprising a device for assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a

plurality of INFO IDs and a plurality of INFO durations; wherein
said storage device is operable to store said plurality of INFO
IDs and said plurality of INFO durations; and wherein said
display device is operable to display said each information in
5 said sequence of information for said INFO duration assigned to
said each information before displaying next information in said
sequence of information.

249. The system of claim 248, wherein said associated
processing device includes a device for determining which
information in said sequence of information was displayed on said
associated processing device as a function of said login time,
said login date, said logout date, said logout time and said
plurality of INFO durations to provide a list of displayed
information for said subscriber; and wherein said storage device
is operable to store said list of displayed information for said
subscriber.

250. The system of claim 249, wherein said list of
20 displayed information for said subscriber contains a list of INFO
IDs corresponding to the displayed information.

251. The system of claim 250, wherein said associated
processing device further includes a device for determining date

and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login date, said logout time, said logout date and said plurality of INFO durations to provide a display date and a display time for said each INFO ID in said list of displayed information for said subscriber; and wherein said storage device is operable to store said display date and said display time for said each INFO ID in said list of displayed information for said subscriber.

252. The system of claim 251, wherein said associated processing device includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

253. The system of claim 246, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

254. The system of claim 253, wherein said location ID includes a zip code; and wherein said associated processing device includes:

5 a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

a local storage device for locally storing said INFO display record; and

a transmitter for transmitting said INFO display record to said storage device connected to said network.

20 255. The system of claim 253, wherein said associated processing device includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

256. The system of claim 251, further comprising a device for assigning a location ID for said subscriber in

accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

5 257. The system of claim 256, wherein said associated processing device includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

15 258. The system of claim 256, wherein said location ID includes a zip code; and wherein said associated processing device includes:

20 a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

 a local storage device for locally storing said INFO display record; and

a transmitter for transmitting said INFO display record to said storage device connected to said network.

5 259. The system of claim 241, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

10 260. The system of claim 259, wherein said location ID includes a zip code.

15 261. The system of claim 259, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time, said session duration and said location ID; and wherein said storage device is operable to store said session usage record.

20 262. The system of claim 237, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

263. The system of claim 262, wherein said location ID includes a zip code.

5 264. The system of claim 262, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time, said session duration and said location ID; and wherein said storage device is operable to store said session usage record.

265. The system of claim 236, wherein said associated processing device further includes:

10 a device for generating a ping signal every predetermined interval if it is determined that said subscriber is authorized to connect to said network; and

15 a transmitter for transmitting said ping signal to said storage device; and

wherein said storage device is operable to update an expected time of next ping signal from said subscriber; and

20 wherein said time device is operable to generate said logout time and said logout date for said subscriber when said ping signal is not received from said associated processing device substantially within said expected time.

266. The system of claim 240, wherein said associated processing device further includes:

a device for generating a ping signal every predetermined interval if it is determined that said subscriber is authorized to connect to said network; and

a transmitter for transmitting said ping signal to said storage device; and

wherein said storage device is operable to update an expected time of next ping signal from said subscriber; and

wherein said time device is operable to generate said logout time and said logout date for said subscriber when said ping signal is not received from said associated processing device substantially within said expected time.

267. The system of claim 239, wherein said associated processing device includes a device for determining date and time that each information in said sequence of information is displayed on said associated processing device to provide a display date and a display time, respectively; and wherein said storage device is operable to store said display date and said display time for said each information for said subscriber.

268. The system of claim 267, wherein said associated processing device includes a device for generating a plurality of

INFO display records for said subscriber, each INFO display record containing subscriber ID of said subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and wherein said storage device is operable to store said plurality of INFO display records.

269. The system of claim 267, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

270. The system of claim 269, wherein said location ID includes a zip code; and wherein said associated processing device includes:

a device for generating a plurality of INFO display records for said subscriber, each INFO display record containing subscriber ID and location ID of said subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information;

a local storage device for locally storing said plurality of display records; and

a transmitter for transmitting said plurality of INFO display records to said storage device connected to said network.

271. The system of claim 269, wherein said associated processing device includes a device for generating a plurality of INFO display records for said subscriber, each INFO display record containing subscriber ID and location ID of said subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and wherein said storage device is operable to store said plurality of INFO display records.

272. The system of claim 211, wherein said associated processing device includes an input device; and wherein said display devices includes a first portion for displaying said sequence of information and a second portion for displaying said data received from said at least one data provider selected by said subscriber.

273. The system of claim 272, further comprising:
a device for assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations; and

a storage device connected to said network for storing
said plurality of INFO IDs and said plurality of INFO durations;
and

5 wherein said display device is operable to display said
each information in said sequence of information for said INFO
duration assigned to said each information before displaying next
information in said sequence of information for said subscriber.

10 274. The system of claim 273, wherein said first
portion of said display device is divided into a plurality of
linked regions and a plurality of unlinked regions, each of said
plurality of linked regions is linked to one of said plurality of
data providers; and wherein said associated processing device
15 further includes a region selector for selecting one of said
plurality of linked regions by said each subscriber to receive
additional information.

20 275. The system of claim 274, further comprising a
device for assigning an unique subscriber ID to said associated
processing device; wherein each of said plurality of data
providers is uniquely identified by a data provider ID; and
wherein said associated processing device further includes:

a detector for detecting which information in said sequence of information is being displayed on said first portion of said display device to provide a displayed INFO ID; and

5 a time device for determining date and time that information corresponding to said displayed INFO ID was displayed on said associated processing device to provide a display date and a display time, respectively; and

wherein said detector is operable to detect which one of said plurality of linked regions was selected by said subscriber during the display of information corresponding to said displayed INFO ID to provide a selected data provider ID; and

wherein said storing device is operable to store said subscriber ID, said displayed INFO ID, said selected data provider ID, said display date and said display time for said subscriber if it is detected that said one of said plurality of linked regions was selected by said subscriber.

20 276. The system of claim 275, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

277. The system of claim 276, wherein said location ID includes a zip code; and wherein said associated processing device further includes:

5 a device for generating a plurality of clicked event records for said subscriber, each clicked event record for said subscriber being associated with a single selected data provider ID and said each clicked event record containing said subscriber ID, said location ID and said single selected data provider ID, and said displayed INFO ID, said display date and said display time associated with said single selected data provider ID;

a local storage device for locally storing said plurality of clicked event records for said subscriber; and

15 a transmitter for said plurality of clicked event records for said subscriber to said storage device connected to said network.

20 278. The system of claim 276, wherein said associated processing device further includes a device for generating a plurality of clicked event records for said subscriber, each clicked event record for said subscriber being associated with a single selected data provider ID and said each clicked event record containing said subscriber ID, said location ID and said single selected data provider ID, and said displayed INFO ID, said display date and said display time associated with said

single selected data provider ID; and wherein said storage device is operable to store said plurality of clicked event records for said subscriber.

5 279. The system of claim 209, wherein each information in said sequence of information for said subscriber is a unsolicited request for data from one of said plurality of data providers.

002 FEB 15 16 03 2010 280. The system of claim 279, wherein said unsolicited request for data is limited to a subset of said plurality of data providers.

 281. The system of claim 280, further comprising an inhibiting device for inhibiting said selector from selecting a data provider in said subset by said subscriber.

20 282. The system of claim 209, wherein each of said plurality of data providers is uniquely identified by a data provider ID and further comprising a storage device connected to said network for storing said subscriber ID and said data provider ID associated with at least one data provider selected by said subscriber.

283. The system of claim 282, wherein said associated processing device further includes a time device for determining date and time said data received from said at least one data provider selected by said subscriber was displayed on said display device to provide a display date and a display time, respectively; and wherein said storage device is operable to store said display date and said display time.

284. The system of claim 283, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

285. The system of claim 284, wherein said location ID includes a zip code; and wherein said associated processing device further includes:

a device for generating a plurality of data display records for said subscriber, each data display record for said subscriber being associated with a single data provider ID stored in said storage device and said each data display record containing said subscriber ID, said location ID and said single data provider ID, and said display date and said display time associated with said single data provider ID;

a local storage device for locally storing said plurality of data display records for said subscriber; and

a transmitter for transmitting said plurality of data display records for said subscriber to said storage device
5 connected to said network.

286. The system of claim 284, wherein said associated processing device further includes a device for generating a plurality of data display records for said subscriber, each data display record for said subscriber being associated with a single data provider ID stored in said storage device and said each data display record containing said subscriber ID, said location ID and said single data provider ID, and said display date and said display time associated with said single data provider ID; and wherein said storage device is operable to store said plurality of data display records for said subscriber.

287. The system of claim 210, wherein said network is a cable television network and wherein said plurality of processing
20 devices are converter boxes.

288. The system of claim 287, wherein said each of said plurality of data providers represents a broadcast channel on said cable television network.

289. The system of claim 288, wherein each of said converter boxes includes a television receiving apparatus, wherein said selector is operable to select a broadcast channel to display a program that is received on said selected broadcast channel and wherein said display device is operable to continuously display said sequence of information simultaneously with said program received on said selected broadcast channel.

290. The system of claim 289, wherein said selector is operable to select a next broadcast channel to display a program that is received on said next broadcast channel in response to said input from said subscriber and wherein said display device is operable to continuously display said sequence of information simultaneously with said program received on said next broadcast channel.

291. The system of claim 290, wherein said selector includes a channel up button or a channel down button operable with said convertor box.

292. The system of claim 275, wherein said region selector is operable to control said display device to display said additional information in said second portion of said display device.

293. The system of claim 275, wherein said region selector is operable to control said display device to display a request for additional data to said subscriber in said second portion of said display device; wherein said input device is
5 operable to enter said additional data by said subscriber; and wherein said storage device is operable to store said additional data.

294. A system for selectively delivering information to
10 subscribers on a communication network, comprising:

a plurality of data providers connected to said
network;

a storage device connected to said network for storing
profile data of each subscriber and a plurality of information
15 received from a plurality of INFO sources connected to said network;

an INFO selector for selecting a sequence of
information for said each subscriber from said plurality of
information in accordance with said profile data of said each
20 subscriber; and

a plurality of processing devices connected to said
network, each uniquely associated with a subscriber to provide an
associated processing device and having a receiver for receiving
said sequence of information for said subscriber from said INFO

selector, a data selector for selecting at least one data
provider by said subscriber and a display device for continuously
displaying said sequence of information for said subscriber
simultaneously with said data received from said at least one
5 data provider selected by said subscriber such that said sequence
of information for said subscriber and said data requested by
said subscriber are simultaneously viewable, and wherein said
data to be displayed on said display device is selectable by said
subscriber and the display of said sequence of information for
said subscriber is not controllable by said subscriber.

295. The system of claim 294, wherein said data
selector is operable to select another data provider in response
to an input from said subscriber and wherein said display device
is operable to continuously display said sequence of information
for said subscriber simultaneously with data received from said
other data provider.

296. The system of claim 294, wherein said display
20 device is operable to continuously display said sequence of
information for said subscriber without interfering with the
display of said data received from said at least one data
provider selected by said subscriber.

297. The system of claim 294, wherein each of said plurality of INFO sources includes an INFO database and further comprising a device for retrieving information from each INFO database to generate said plurality of information.

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298. The system of claim 294, further comprising:

a verifying device for verifying the authorization of said subscriber to determine if said subscriber is authorized to connect to said network; and

an inhibiting device for inhibiting said display device from displaying said sequence of information for said subscriber if it is determined that said subscriber is not authorized to connect to said network.

299. The system of claim 298, wherein said inhibiting device is operable to inhibit said display device from displaying said data received from said at least one data provider selected by said subscriber if it is determined that said subscriber is not authorized to connect to said network.

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300. The system of claim 294, further comprising:

a device for verifying the authorization of said subscriber to determine if said subscriber is authorized to connect to said network; and

an inhibiting device for inhibiting said display device from displaying said data received from said at least one data provider selected by said subscriber if it is determined that said subscriber is not authorized to connect to said network.

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301. The system of claim 294, wherein said sequence of information contains a sequence of advertisements.

302. The system of claim 294, wherein said sequence of information contains a sequence of messages or announcements.

303. The system of claim 294, wherein said sequence of information contains a sequence of news.

304. The system of claim 294, wherein said sequence of information contains a sequence of updates.

305. The system of claim 294, wherein said sequence of information contains a sequence of advertisements, messages or announcements, news and updates.

306. The system of claim 294, wherein the information comprises texts.

307. The system of claim 294, wherein the information comprises still pictures.

5 308. The system of claim 294, wherein the information comprises moving pictures.

309. The system of claim 294, wherein the information comprises a video and audio component.

10 310. The system of claim 294, wherein the information is a combination of text, still pictures and moving pictures.

15 311. The system of claim 299, wherein said network is a computer network and said associated processing device is a terminal.

20 312. The system of claim 311, further comprising a device for assigning a unique subscriber ID and a password to said subscriber on said communication network; and wherein said storage device is operable to store said subscriber ID and said password for said subscriber.

313. The system of claim 312, wherein said terminal includes a connecting device for establishing a connection between said terminal and said computer network.

5 314. The system of claim 313, wherein said terminal further includes an input device for entering a subscriber ID and a password by said subscriber to initiate a connection between said terminal and said communication network and a transmitter for transmitting said subscriber ID and said password entered on said input device to said storage device for verification;

10 the system further comprising a device for determining whether said subscriber ID entered on said input device matches one of said subscriber IDs stored in said storage device to provide a verified subscriber ID;

15 wherein said verifying device is operable to verify said password entered on said input device matches said password associated with said verified subscriber ID if said verified subscriber ID is found; and

20 wherein said connecting device is operable to connect said terminal associated with said subscriber to said computer network if it is determined that said password entered on said input device matches a password stored in said database which is associated with said verified subscriber ID.

315. The system of claim 296, wherein said network is a computer network and said associated processing device is a terminal.

5 316. The system of claim 315, wherein each of said plurality of data providers is a server on said computer network and wherein said data selector is operable to select data to be displayed from said at least one data provider by said subscriber.

10 317. The system of claim 316, wherein said selector includes:

15 an input device for entering a request for said data from said at least one server connected to said computer network by said subscriber; and

a transmitter for transmitting said request for said data to said at least one server from said terminal associated with said subscriber.

20 318. The system of claim 294, wherein said network is a computer network and wherein said receiver is operable for receiving a sequence of addresses from said storage device, each address indicating the location of one of said sequence of information in said plurality of INFO sources; and wherein said

associated processing device includes a device for reading said sequence of information from said plurality of INFO sources in accordance with said sequence of addresses.

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319. The system of claim 299, further comprising:

a device for assigning an unique subscriber ID to each of said plurality of processing devices;

a time device for generating a login time and a login date for said subscriber if it is determined that said subscriber is authorized to connect to said network; and wherein said storage device is operable to store said subscriber ID, said login time and said login date for said subscriber in said database if it is determined that said each subscriber is authorized to connect said network.

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320. The system of claim 319, wherein said time device is located within said associated processing device, operable to receive a virtual date and a virtual time from a source connected to said network and operable to generate said login time and said login date for said subscriber as a function of said virtual time and said virtual date, respectively.

321. The system of claim 319, further comprising a disconnect device for determining whether said associated

processing device is no longer connected to said network; and wherein said time device is operable to generate a logout time and a logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network; and wherein said storage device is operable to store said logout time and said logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network.

322. The system of claim 321, wherein said disconnect device is operable to generate a session duration for said subscriber as a function of said login time, said login date, said logout date and said logout time, and wherein said storage device is operable to store said session duration for said subscriber.

323. The system of claim 322, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and wherein said storage device is operable to store said session usage record.

324. The system of claim 294, further comprising a device for assigning an unique INFO ID and an INFO duration to each information in said plurality of information to provide a plurality of INFO IDs and a plurality of INFO durations; and wherein said storage device is operable to store said plurality of INFO IDs and said plurality of INFO durations; and wherein said display device is operable to continuously display said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information for said subscriber.

325. The system of claim 320, further comprising a disconnect device for determining whether said associated processing device is no longer connected to said network; and wherein said time device is operable to generate a logout time and a logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network; and wherein said storage device is operable to store said logout time and said logout date for said subscriber if it is determined that said associated processing device is no longer connected to said network.

326. The system of claim 325, wherein said disconnect device is operable to generate a session duration for said

subscriber as a function of said login time, said login date, said logout date and said logout time; and wherein said storage device is operable to store said session duration for said subscriber.

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327. The system of claim 326, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time and said session duration; and wherein said storage device is operable to store said session usage record.

328. The system of claim 321, further comprising a device for assigning a unique INFO ID and an INFO duration to each information in said plurality of information to provide a plurality of INFO IDs and a plurality of INFO durations; wherein said storage device is operable to store said plurality of INFO IDs and said plurality of INFO durations; and wherein said display device is operable to display said each information in said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information for said subscriber.

329. The system of claim 328, wherein said associated processing device includes a device for determining which information in said sequence of information for said subscriber was displayed on said associated processing device as a function of said login time, said login date, said logout date, said
5 logout time and said plurality of INFO durations to provide a list of displayed information for said subscriber; and wherein said storage device is operable to store said list of displayed information for said subscriber.

330. The system of claim 329, wherein said list of displayed information for said subscriber contains a list of INFO IDs corresponding to the displayed information.

331. The system of claim 330, wherein said associated processing device further includes a device for determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function of said login time, said login date, said logout time, said
15 logout date and said INFO durations assigned to each information in said sequence of information for said subscriber to provide a display date and a display time for said each INFO ID in said list of displayed information for said subscriber; and wherein said storage device is operable to store said display date and
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said display time for said each INFO ID in said list of displayed information for said subscriber.

332. The system of claim 331, wherein said associated
5 processing device includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID and said subscriber ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record in said database.

333. The system of claim 325, further comprising a device for assigning a unique INFO ID and an INFO duration to each information in said plurality of information to provide a plurality of INFO IDs and a plurality of INFO durations; wherein said storage device is operable to store said plurality of INFO IDs and said plurality of INFO durations; and wherein said display device is operable to display said each information in
15 said sequence of information for said INFO duration assigned to said each information before displaying next information in said sequence of information for said subscriber.

334. The system of claim 333, wherein said associated processing device further includes a device for determining which information in said sequence of information for said subscriber was displayed on said associated processing device as a function of said login time, said login date, said logout date, said
5 logout time and said INFO duration assigned to each information in said sequence of information for said subscriber to provide a list of display information for said subscriber; and wherein said storage device is operable to store said list of displayed information for said subscriber.

335. The system of claim 334, wherein said list of displayed information for said subscriber contains a list of INFO IDs corresponding to the displayed information.

336. The system of claim 335, wherein said associated processing device further includes a device for determining date and time that each INFO ID in said list of displayed information was displayed on said associated processing device as a function
20 of said login time, said login date, said logout time, said logout date and said INFO duration assigned to each information in said sequence of information for said subscriber to provide a display date and a display time for said each INFO ID in said list of displayed information for said subscriber; and wherein

said storage device is operable to store said display date and said display time for said each INFO ID in said list of displayed information for said subscriber.

5 337. The system of claim 336, wherein said associated processing device further includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

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15 338. The system of claim 331, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

20 339. The system of claim 338, wherein said location ID includes a zip code; and wherein said associated processing device includes:

 a device for generating an INFO display record for each INFO ID in said list of displayed information for said

subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

5 a local storage device for locally storing said INFO display record; and

 a transmitter for transmitting said INFO display record to said storage device connected to said network.

340. The system of claim 338, wherein said associated processing device includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

20 341. The system of claim 336, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

342. The system of claim 341, wherein said associated processing device further includes a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record
5 containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID; and wherein said storage device is operable to store said INFO display record.

343. The system of claim 341, wherein said location ID includes a zip code; and wherein said associated processing device further includes:

a device for generating an INFO display record for each INFO ID in said list of displayed information for said subscriber, said INFO display record containing an INFO ID, said subscriber ID and said location ID of said subscriber, and said display date, said display time and said INFO duration associated with said INFO ID;

a local storage device for locally storing said INFO display record; and
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a transmitter for transmitting said INFO display record to said storage device connected to said network.

344. The system of claim 326, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

345. The system of claim 344, wherein said location ID includes a zip code.

346. The system of claim 344, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time, said session duration and said location ID; and wherein said storage device is operable to store said session usage record for said subscriber.

347. The system of claim 322, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

348. The system of claim 347, wherein said location ID includes a zip code.

349. The system of claim 347, wherein said disconnect device is operable to generate a session usage record for said subscriber containing said subscriber ID, said login time, said login date, said logout date, said logout time, said session duration and said location ID; and wherein said storage device is operable to store said session usage record for said subscriber.

350. The system of claim 321, wherein said associated processing device further includes:

a device for generating a ping signal every predetermined interval if it is determined that said subscriber is authorized to connect to said network; and

a transmitter for transmitting said ping signal to said storage device; and

wherein said storage device is operable to update an expected time of next ping signal from said subscriber; and

wherein said time device is operable to generate said logout time and said logout date for said subscriber when said ping signal is not received from said associated processing device substantially within said expected time.

351. The system of claim 325, wherein said associated processing device further includes:

a device for generating a ping signal every predetermined interval if it is determined that said subscriber is authorized to connect to said network; and

5 a transmitter for transmitting said ping signal to said storage device; and

wherein said storage device is operable to update an expected time of next ping signal from said subscriber; and

wherein said time device is operable to generate said logout time and said logout date for said subscriber when said ping signal is not received from said associated processing device substantially within said expected time.

352. The system of claim 324, wherein said associated processing device further includes a device for determining date and time that each information in said sequence of information for said subscriber was displayed on said associated processing device to provide a display date and a display time, respectively; and wherein said storage device is operable to store said display date and said display time of said each
20 information for said subscriber.

353. The system of claim 352, wherein said associated processing device further includes a device for generating a plurality of INFO display records for said subscriber, each INFO

display record containing subscriber ID of said subscriber, and
said INFO ID, said display date, said display time and said INFO
duration associated with said each information; and wherein said
storage device is operable to store said plurality of INFO
display records.

354. The system of claim 352, further comprising a
device for assigning a location ID for said subscriber in
accordance with the locality of said associated processing
device; and wherein said storage device is operable to store said
location ID for said subscriber.

355. The system of claim 354, wherein said location ID
includes a zip code; and wherein said associated processing
device includes:

a device for generating a plurality of INFO display
records for said subscriber, each INFO display record containing
subscriber ID and location ID of said subscriber, and said INFO
ID, said display date, said display time and said INFO duration
associated with said each information;

a storage device for locally storing said plurality of
INFO display records for said subscriber; and

a transmitter for transmitting said plurality of INFO display records for said subscriber to said storage device connected to said network.

5 356. The system of claim 354, wherein said associated processing device includes a device for generating a plurality of INFO display records for said subscriber, each INFO display record containing subscriber ID and location ID of said subscriber, and said INFO ID, said display date, said display time and said INFO duration associated with said each information; and wherein said storage device is operable to store said plurality of INFO display records.

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20 357. The system of claim 296, wherein said associated processing device includes an input device; and wherein said display devices includes a first portion for displaying said sequence of information and a second portion for displaying said data received from said at least one data provider selected by said subscriber.

 358. The system of claim 357, further comprising a device for assigning an unique INFO ID and an INFO duration to each information in said sequence of information to provide a plurality of INFO IDs and a plurality of INFO durations; wherein

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said storage device is operable to store said plurality of INFO
IDs and said plurality of INFO durations; and wherein said
display device is operable to display said each information in
said sequence of information for said INFO duration assigned to
5 said each information before displaying next information in said
sequence of information for said subscriber.

359. The system of claim 358, wherein said first
portion of said display device is divided into a plurality of
linked regions and a plurality of unlinked regions, each of said
plurality of linked regions is linked to one of said plurality of
data providers; and wherein said associated processing device
further includes a region selector for selecting one of said
plurality of linked regions by said each subscriber to receive
additional information.

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360. The system of claim 359, further comprising a
device for assigning an unique subscriber ID to said associated
processing device; wherein each of said plurality of data
providers is uniquely identified by a data provider ID; and
wherein said associated processing device further includes:

a detector for detecting which information in said
sequence of information is being displayed on said first portion
of said display device to provide a displayed INFO ID; and

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a device for generating a plurality of clicked event records for said subscriber, each clicked event record for said subscriber being associated with a single selected data provider ID and said each clicked event record containing said subscriber ID, said location ID and said single selected data provider ID, and said displayed INFO ID, said display date and said display time associated with said single selected data provider ID;

a local storage device for locally storing said plurality of clicked event records for said subscriber; and

a transmitter for transmitting said plurality of clicked event records for said subscriber to said storage device connected to said network.

363. The system of claim 361, wherein said associated processing device further includes a device for generating a plurality of clicked event records for said subscriber, each clicked event record for said subscriber being associated with a single selected data provider ID and said each clicked event record containing said subscriber ID, said location ID and said single selected data provider ID, and said displayed INFO ID, said display date and said display time associated with said single selected data provider ID; and wherein said storage device is operable to store said plurality of clicked event records for said subscriber.

364. The system of claim 294, wherein each information in said sequence of information for said subscriber is a unsolicited request for data from one of said plurality of data providers.

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365. The system of claim 364, wherein said unsolicited request for data is limited to a subset of said plurality of data providers.

366. The system of claim 365, further comprising an inhibiting device for inhibiting said selector from selecting a data provider in said subset by said subscriber.

367. The system of claim 294, wherein each of said plurality of data providers is uniquely identified by a data provider ID and further comprising a storage device connected to said network for storing said subscriber ID and said data provider ID associated with at least one data provider selected by said subscriber.

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368. The system of claim 367, wherein said associated processing device further includes a time device for determining date and time said data received from said at least one data provider selected by said subscriber was displayed on said

display device to provide a display date and a display time, respectively; and wherein said storage device is operable to store said display date and said display time.

5 369. The system of claim 368, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

370. The system of claim 369, wherein said location ID includes a zip code; and wherein said associated processing device further includes:

10 a device for generating a plurality of data display records for said subscriber, each data display record for said subscriber being associated with a single data provider ID stored in said storage device and said each data display record containing said subscriber ID, said location ID and said single data provider ID, and said display date and said display time
15 associated with said single data provider ID;

20 a local storage device for locally storing said plurality of data display records for said subscriber; and

a transmitter for transmitting said plurality of data display records for said subscriber to said storage device connected to said network.

5 371. The system of claim 369, wherein said associated processing device further includes a device for generating a plurality of data display records for said subscriber, each data display record for said subscriber being associated with a single data provider ID stored in said storage device and said each data display record containing said subscriber ID, said location ID and said single data provider ID, and said display date and said display time associated with said single data provider ID; and wherein said storage device is operable to store said plurality of data display records for said subscriber.

372. The system of claim 295, wherein said network is a cable television network and wherein said plurality of processing devices are converter boxes.

20 373. The system of claim 372, wherein said each of said plurality of data providers represents a broadcast channel on said cable television network.

374. The system of claim 373, wherein each of said converter boxes includes a television receiving apparatus, wherein said selector is operable to select a broadcast channel to display a program that is received on said selected broadcast channel and wherein said display device is operable to continuously display said sequence of information simultaneously with said program received on said selected broadcast channel.

375. The system of claim 374, wherein said selector is operable to select a next broadcast channel to display a program that is received on said next broadcast channel in response to said input from said subscriber and wherein said display device is operable to continuously display said sequence of information simultaneously with said program received on said next broadcast channel.

376. The system of claim 375, wherein said selector includes a channel up button or a channel down button operable with said convertor box.

377. The system of claim 314, wherein said connecting device includes a phone selector for selecting an access phone number by said subscriber; and wherein said connecting device is

operable to connect said terminal to said computer network using said access phone number.

378. The system of claim 377, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said access phone number associated with said subscriber.

379. The system of claim 377, further comprising a device for assigning a location ID for said subscriber in accordance with the locality of said associated processing device; and wherein said storage device is operable to store said location ID for said subscriber.

380. The system of claim 379, wherein said location id includes at least a zip code.

381. The system of claim 380, further comprising:
a device for determining whether said zip code stored for said subscriber is associated with said access phone number selected by said subscriber; and

an assigning device for assigning said zip code as a location zip code for said subscriber if it is determined that said zip code is associated with said access phone number; and

wherein said assigning device is operable to assign said location zip code for said subscriber in accordance with said access phone number if it is determined that said zip code is not associated with said access phone number.

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382. The system of claim 381, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said location zip code associated with said subscriber.

383. The system of claim 382, further comprising a device for determining a time zone in accordance with said location zip code.

384. The system of claim 383, further comprising a device for assigning a display time range to each of said plurality of information to provide a plurality of display time ranges; and wherein said storage device is operable to store said plurality of display time ranges.

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385. The system of claim 384, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data, said

location zip code, a current time and said time zone associated with said subscriber, and said plurality of display time ranges.

5 386. The system of claim 377, further comprising a device for assigning a display time range to each of said plurality of information to provide a plurality of display time ranges; and wherein said storage device is operable to store said plurality of display time ranges.

387. The system of claim 386, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data, said access phone number and a current time associated with said subscriber, and said plurality of display time ranges.

388. The system of claim 294, wherein said associated processing device includes an input device for entering said profile data by said subscriber; and wherein said storage device is operable to store said profile data entered by said subscriber.

389. The system of claim 388, further comprising a device for assigning an unique subscriber ID to each of said plurality of processing devices; wherein said input device is

operable to enter additional profile data by said subscriber; and wherein said storage device is operable to store said subscriber ID and said additional profile data for said subscriber.

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390. The system of claim 389, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said additional profile data.

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391. The system of claim 323, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said session usage record.

392. The system of claim 327, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said session usage record.

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393. The system of claim 346, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said session usage record.

394. The system of claim 349, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said session usage record.

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395. The system of claim 332, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said INFO display record.

396. The system of claim 337, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said INFO display record.

397. The system of claim 340, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said INFO display record.

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398. The system of claim 342, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said INFO display record.

399. The system of claim 353, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said INFO display record.

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400. The system of claim 356, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said INFO display record.

401. The system of claim 363, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said plurality of clicked event records.

402. The system of claim 371, wherein said INFO selector is operable to select said sequence of information for said subscriber in accordance with said profile data and said plurality of data display records.

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403. The system of claim 294, wherein said storage device comprises at least a first storage device for storing said profile data and a second storage device for storing said plurality of information.

404. The system of claim 312, wherein said storage device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID and said password.

405. The system of claim 323, wherein said storage device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID, said login time, said login date, said logout time, said logout date, said session duration and said session usage records.

406. The system of claim 337, wherein said storage device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID, said login time, said login date, said logout time, said logout date, said plurality of INFO IDs, said plurality of INFO durations, said list of displayed information, said display date, said display time and said INFO display record.

407. The system of claim 340, wherein said storage device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID, said login time, said login date, said logout time, said logout date, said plurality of INFO IDs, said plurality of INFO durations, said list of displayed information, said display date, said display time, said location ID and said INFO display record.

408. The system of claim 346, wherein said storage device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID, said login time, said login date, said logout time, said logout date, said session duration, said location ID and said session usage records.

409. The system of claim 363, wherein said storage device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID, said plurality of INFO IDs, said plurality of INFO durations, said displayed INFO ID, said selected data provider

ID, said display date, said display time, said location ID and said plurality of clicked event records.

410. The system of claim 371, wherein said storage
5 device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID, said data provider ID, said display date, said display time, said location ID and said plurality of data display records.

411. The system of claim 389, wherein said storage
device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said subscriber ID and said additional profile data.

412. The system of claim 369, wherein said associated
processing device further includes a device for generating a
20 plurality of data display records for each plurality of data providers, each data display record containing said profile data, said location ID and said single data provider ID, and said display date and said display time associated with said single

data provider ID; and wherein said storage device is operable to store said plurality of data display records for said subscriber.

413. The system of claim 412, wherein said storage
5 device comprises at least a first storage device for storing said profile data, a second storage device for storing said plurality of information and a third storage device for storing said data provider ID, said display date, said display time, said location ID and said plurality of data display records.

414. The system of claim 369, wherein said associated processing device includes:

0024245 a device for generating a plurality of data display records for each of said plurality of data providers, each data display record containing said profile data, said location ID and said single data provider ID, and said display date and said display time associated with said single data provider ID;

20 a local storage device for locally storing said plurality of data display records for said each of said plurality of data providers; and

a transmitter for transmitting said plurality of data display records for said each of said plurality of data providers to said storage device connected to said network.

415. The system of claim of 360, wherein said region selector is operable to control said display device to display said additional information in said second portion of said display device.

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416. The method of claim 360, wherein said region selector is operable to control said display device to display a request for additional data to said subscriber in said second portion of said display device; wherein said input device is operable to enter said additional data by said subscriber; wherein said associated processing device includes a reading device for reading said profile data corresponding to said subscriber ID from said storage device and a device for generating a packet containing said subscriber ID, said profile data and said additional data; and wherein said storage device is operable to store said packet.

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20 417. A method of connecting a terminal to a host server on the internet in response to an incomplete uniform resource locator, wherein said terminal has a monitor and an input device, the method comprising the steps of:

entering a host name by a user corresponding to said host server on said input device to provide said incomplete uniform resource locator;

contextually determining remaining components of said incomplete uniform resource locator as a function of said host server.

5 418. The method of claim 417, wherein the step of contextually determining includes the step of determining a domain of said host server as a function of a probability distribution of the number of host servers in a particular domain.

419. The method of claim 417, wherein said monitor includes a plurality of clickable buttons, each of said plurality of clickable buttons corresponding to one component of a uniform resource locator; and wherein the step of contextually determining contextually determines the remaining components of said incomplete uniform resource locator in response to one or more of said plurality of clickable buttons clicked by said user.

20 420. Apparatus for connecting a computer terminal to a host server on the internet in response to an incomplete uniform resource locator, comprising a device for contextually determining remaining components of said incomplete uniform resource locator as a function of a host name entered by a user

to provide a complete uniform resource locator, wherein said host name corresponds to said host server.

421. The apparatus of claim 420, wherein said device
5 for contextually determining is operable to determine a domain of said host server as a function of a probability distribution of the number of host servers in a particular domain.

422. The apparatus of claim 420, wherein said terminal
10 includes a monitor having a plurality of clickable buttons, each of said plurality of clickable buttons corresponding to one component of a uniform resource locator; and said device for contextually determining contextually determines the remaining components of said incomplete uniform resource locator in
15 response to one or more of said plurality of clickable buttons clicked by said user.